OPTICAL HEAD, OPTICAL RECORDING AND/OR REPRODUCING APPARATUS AND INTEGRATED OPTICAL MODULE

ABSTRACT OF THE DISCLOSURE

An optical head includes a light emitter/detector to emit a laser light towards an optical disc and to detect a return light from the optical disc, a diffraction grating to split the laser light into three beams, and a light converging optical system to focus the laser light on a recording surface of the optical disc. The diffraction grating has formed therein a plurality of slits formed whose depth is selected so that the efficiency of diffraction of first-order light when a first light beam is incident upon the diffraction grating is higher than that when a second light beam having a longer wavelength than the first light beam is incident upon the diffraction grating.